



**SILVER OAK  
UNIVERSITY**  
EDUCATION TO INNOVATION

## Silver Oak University

SILVER OAK COLLEGE OF COMPUTER APPLICATION  
DEPARTMENT OF BACHELOR OF SCIENCE

HTML Markup for Web Designers

Course Code: 4040243136

1st semester

# Laboratory Manual

Collage Name :	Silver Oak University
Enroll. No. / Roll No. :	24040304002734
Name of Student:	Patel Rohit
Branch :	<del>Comp</del> Bsc cs-IT
Semester :	2nd sem
Division:	A



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

## CERTIFICATE

*This is to certify that*

Mr. /Ms Patel Rohit

With enrollment no 2404030400279 from

Semester 1st Div. A has Successfully

completed his/her laboratory experiments in the **Html markup**

for web designers (4040243136) from the department of

b3c cs-it during the

academic year 2024-25.

Date of Submission:

30/11/2024

Staff In charge:

[Signature]

Head of Department



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

## TABLE OF CONTENT

Sr No.	Experiment Title	Page No.		Date of Start	Date of Completion	Sign	Marks (out of 10)
		From	To				
1.	Create and save simple HTML document & modifying the 1. background of HTML 2. Webpage with different colors.	2	2	21/8/24	6/11/24		
2.	Demonstrate use of 1. subscript, 2. super script, 3. align tag and 4. Format the text by using formatting tags like bold and italic.	3	4	8/8/24	13/8/24		
3.	Draw the table as given format	5	6	27/8/24	22/8/24		
4.	Create web page using metadata & <!DOCTYPE html> tag.	7	8	26/8/24	26/8/24		
5.	Create a Web page to display basic your resume	9	20	21/9/24	21/9/24		
6.	Show the use of all tags and attributes of 1. ordered list 2. unordered list.	22	22	4/9/24	4/9/24		





# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

7.	Create webpage which shows the use of hyperlink.	23	24	5/9/24	5/9/24		
8.	Show the use of all tags related to images.	25	26	8/9/24	8/9/24		
9.	Create a webpage and use the following TAG to perform operation. 1. Create a simple table with at least three rows and three columns. 2. Use the <table>, <tr>, <th>, and <td> tags. 3. Add a caption to the table created above using the <caption> tag. 4. Add a border to your table using the border attribute in the <table> tag. 5. Align the content of your table cells using the align and valign attributes. 6. Change the background color of your table and its cells using the bgcolor attribute. 7. Use the cellpadding and cellspacing attributes to adjust the spacing inside and between the table cells. 8. Create a nested table by inserting one table inside another table's cell.	27	28	22/9/24	22/9/24		



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

10.	<p>Create a webpage and use the following TAG to perform operation.</p> <ol style="list-style-type: none"> <li>1. Use the &lt;frameset&gt; tag to create a webpage with two frames.</li> <li>2. Use the &lt;frame&gt; tag to define the content of each frame.</li> <li>3. Specify different attributes like border, frameborder, framespacing, and marginwidth for the frames.</li> <li>4. Set the width and height of the frames using the cols and rows attributes in the &lt;frameset&gt; tag.</li> <li>5. Create a navigation menu in one frame and display the corresponding content in another frame using the target attribute in the &lt;a&gt; tag.</li> </ol>	29	20	22/9/24	22/9/24		
11.	<p>Create a webpage for online Jewellery shopping.</p> <ol style="list-style-type: none"> <li>1. Display Menu in left frame.</li> <li>2. Clicking on menu should display related webpage in right frame.</li> <li>3. Keep header and footer frames to display related information.</li> </ol>	21	22	22/9/24	22/9/24		
12.	<p>Create web page for register online exam form filling process.</p>	23	24	24/9/24	24/9/24		
13.	<p>Create a Web page to display your resume.</p>	25	26	24/9/24	24/9/24		



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

14.	Show the use of all tags and attributes of ordered list and unordered list.	27	28	27/2014	27/2014		08
-----	---	----	----	---------	---------	--	----





# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

## Silver Oak College Of Computer Applications

Bachelor of Computer Science

### LAB / ASSIGNMENT PERFORMANCE ASSESSMENT

Name:	Patel Rohit S.	Batch:	BSC(CS-IT)
Sub:	Html markup for web designers	Semester:	1st

#### Criteria

A	Submission on time (2marks)
B	Representation (File + Handwriting + Diagram (3 Marks))
C	Reference used (Assignment) / Attentivity (Lab) (2Marks)
D	Clarity of topics (3 Marks)
Criteria of Marks	Not matched (1 Marks) / Matched (2Marks)

Sr. No.	Marks					Remarks
	A	B	C	D	Marks out of 10	
1.	✓	✓		✓	08	} good
2.	✓	✓	✓		08	
3.	✓		✓	✓	08	
4.	✓		✓	✓	08	
5.	✓	✓		✓	08	
6.	✓		✓	✓	08	
7.	✓	✓	✓		08	
8.	✓		✓		08	
9.	✓	✓		✓	08	
10.	✓		✓	✓	08	



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

11.	✓		✓	✓	08	
12.	✓	✓	✓		08	
13.	✓	✓		✓	08	
14.	✓		✓	✓	08	





# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

## EXPERIMENT NO: 1

Aim: Create and save simple HTML document & modifying the

1. background of HTML

2. Webpage with different colors.

Description:

In this practical, we created a basic HTML document and applied CSS to change the background color of the webpage. Additionally, we used CSS properties to modify the color of different webpage elements like headers and paragraphs. This demonstrates the basic concept of styling HTML elements using CSS.

Procedure:

```
<! Doctype , html >
<html>
  <head>
    <title> webpage </title>
    <style>
      body {
        background-color: red;
      }
      h2 {
        color: green;
      }
      p {
        color: blue;
      }
    </style>
  </head>
  <body>
    <h2> This is an heading </h2>
    <p> This is an paragraph </p>
```



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

```
</body>  
</html>
```

**Conclusion:** To This experiment we successfully created a simple Html document applied basic css for styling and expressed methods to change background and text colour this demonstrated the importance of css in enhancing the visual presentation of web page. The experiment provide a foundational understanding of Html structure.

**Post Practical Question:**

1. How can you apply different background images instead of a color to your webpage?

Ans: 

```
body {  
  background-image: url(' ');  
}
```

2. How would you change the colors dynamically using JavaScript?

Ans: To dynamically change the colors of a webpage using java script you can use the Dom (Document) object model to manipulate the css properties of html element.

Signature with Date of Completion	
Marks out of 10	08

Output :

```
web page  
This is an heading (h2)  
This is an paragraph (p)
```



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

## EXPERIMENT NO: 2

Aim: Demonstrate use of

1. subscript,
2. super script,
3. align tag and
4. Format the text by using formatting tags like bold and italic.

### Description:

In this practical, we demonstrated how to use:

1. **Subscript** (<sub>) and **superscript** (<sup>) tags to format text in mathematical and chemical notations.
2. **Align** attribute to control text alignment (center, right).
3. Formatting tags like **bold** (<b>) and **italic** (<i>) to emphasize specific parts of the text.

### Procedure:

```
<html>
  <head>
    <title> webpage </title>
  </head>
  <body>
    <p> Water's chemical H<sub>2</sub> O </p>
    <p> The mathematical x<sup>2</sup> </p>
    <p style="text-align:center;">centered text </p>
    <p style="text-align:right;">Right-aligned text </p>
    <p> This is <b> Bold </b> text </p>
    <p> This is <i> italic </i> text </p>
  </body>
</html>
```





# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

Output}

web page  
water's chemical  $H_2O$   
The mathematical  $x^2$  centered text  
Right-aligned text  
~~This~~ is Bold text  
This is *Italic* text

## Conclusion:

In this experiment we learned how to use html tag for text formatting and alignment we successfully implemented subscript and superscript tag. Tags like bold and emphasize specific parts of text.

## Post Practical Question:

1. Which tag is used to display text as a subscript in HTML?

- a) <sup>
- b) <sub>
- c) <script>
- d) <small>

Answer: b) <sub>

2. Which of the following tags is used to display text as superscript in HTML?

- a) <sub>
- b) <i>
- c) <sup>
- d) <u>



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

Answer:

b) <sup>

3. What is the correct way to align text to the center in a paragraph using HTML?

- a) <p align="right">This is centered text</p>
- b) <p align="center">This is centered text</p>
- c) <p style="center">This is centered text</p>
- d) <p text-align="center">This is centered text</p>

Answer:

b) <p align="center">This is centered text</p>

4. Which tag is used to make text bold in HTML?

- a) <b>
- b) <i>
- c) <u>
- d) <strong>

Answer:

a) <b>

5. What is the purpose of the <i> tag in HTML?

- a) To underline the text
- b) To make the text bold
- c) To italicize the text
- d) To strike through the text

Answer:

c) To make the text italicize

6. Which tag is used to underline text in HTML?

- a) <i>
- b) <b>
- c) <u>
- d) <sub>

Answer:

c) <u>




# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

7. Which of the following attributes is used to align text within a <p> tag?

- a) text-align
- b) align
- c) style
- d) font-align

A) ~~text-align~~

Signature with Date of Completion	
Marks out of 10	08





# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

## EXPERIMENT NO: 3

Aim: Draw the table as given format

Description:

In this exercise, a table is created using the <table>, <tr>, <th>, and <td> tags. The table structure was enhanced with attributes like borders, cell padding, and cell spacing. This demonstrates the creation of structured data presentation using tables in HTML.

Procedure:

```
<html>
  <head>
    <title> table </title>
  </head>
  <body>
    <h2> sample table </h2>
    <table border="1" cellpadding="10">
      <tr>
        <th> name </th>
        <th> Age </th>
      </tr>
      <tr>
        <td> Alice </td>
        <td> 23 </td>
      </tr>
      <tr>
        <td> Bob </td>
        <td> 24 </td>
      </tr>
    </table>
  </body>
</html>
```



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

`</tr>`  
`</table>`  
`</body>`  
`</html>`

## Conclusion:

In this experiment we successfully created `<table>`, `<tr>` tags the table structure enhanced with attributes like borders, cell padding and cell spacing.

## Post Practical Question:

1. Which tag is used to create a table in HTML?

- a) `<table>`
- b) `<tab>`
- c) `<tr>`
- d) `<td>`

Answer:

a) `<table>`

2. What does the `<tr>` tag represent in an HTML table?

- a) A table cell
- b) A table row
- c) A table header
- d) A table caption

Answer:

b) A table row

3. Which tag is used to define a header cell in a table?

- a) `<td>`
- b) `<th>`
- c) `<header>`
- d) `<cell>`

Answer:

b) `<th>`



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

4. What attribute is used to add a caption to a table?

- a) <caption>
- b) <tablecaption>
- c) title
- d) description

Answer:

a) <caption>

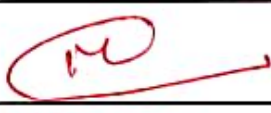
5. Which attribute would you use to specify the border of a table in HTML?

- a) border
- b) border-style
- c) frame
- d) cellpadding

Answer:

~~b) border-style~~

a) border

Signature with Date of Completion	
Marks out of 10	08

Output :

Table	
Sample	table
name	Age
Alice	23
Bob	24





# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

## EXPERIMENT NO: 4

Aim: Create web page using metadata & <!DOCTYPE html> tag.

### Description:

This practical demonstrates the use of the <!DOCTYPE html> declaration to specify the HTML version. It also covers the use of metadata tags like <meta> to define the character set, description, keywords, and other important information for the webpage. Metadata is essential for SEO and webpage responsiveness.

### Procedure:

```
<!doctype.html>
<html>
  <head>
    <metaname="description" content="An example
      of a webpage using metadata">
    <metaname="keywords" content="Html, metadata,
      web development">
    <title> metadata example </title>
  </head>
  <body>
    <h1> welcome to my webpage </h1>
  </body>
</html>
```

### Conclusion:

In this experiment we learned the importance of <!doctype.html> declaration which specifies the html version we implemented. Various <meta> tags within the <head> section of the html document to define essential information about the webpage, such as the character set, keyword, and author.



**SILVER OAK  
UNIVERSITY**  
EDUCATION TO INNOVATION

Output =

meta data example

Welcome to my webpage(12)

Signature with Date of Completion	
Marks out of 10	08



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

Output =

meta data example  
Welcome to my webpage(h7)

Signature with Date of Completion	
Marks out of 10	





# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

## EXPERIMENT NO: 5

Aim: Create a Web page to display basic your resume

### Description:

In this practical, a simple webpage was created to showcase a basic resume layout. HTML tags such as `<h1>`, `<p>`, `<ul>`, and `<table>` are used to structure sections like personal details, education, skills, and contact information. This is useful for creating personal portfolios or professional resumes online.

### Procedure:

`<!doctype.html>`

`<html>`

`<head>`

`<title> My Resume </title>`

`</head>`

`<body>`

`<h1> My Resume </h1>`

`<h2> Patel Rohit </h2>`

`<h3> Personal details </h3>`

`<p> <b> Email : </b> patelrohit32600@gmail.com </p>`

`<p> <b> phone no : </b> 9662622046 </p>`

`<h3> Education </h3>`

`<table border = "1">`

`<tr>`

`<td> B.Sc It </td>`

`<td> Silver oak Uni </td>`

`<td> 2024 </td>`

`</tr>`

`<td> high school </td>`

`<td> savitri sci </td>`



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

<td> 2022-2023 </td>

</table>

<h3> Skills </h3>

<ul>

<li> HTML, CSS </li>

<li> PHP </li>

<li> web </li>


Conclusion:

</ul>

</body>

</html>

Post Practical Question:

Signature with Date of Completion	
Marks out of 10	08



## EXPERIMENT NO: 6

Aim: Show the use of all tags and attributes of

1. ordered list
2. unordered list.

### Description:

This exercise demonstrates the use of ordered (<ol>) and unordered (<ul>) lists in HTML. The <li> tag is used for list items. Attributes like type, start, and reversed for ordered lists, and bullet styling for unordered lists, are explored to enhance list formatting.

### Procedure:

```
<!doctype.html>
<html>
  <head>
    <title> list </title>
  </head>
  <body>
    <h2> ordered list </h2>
    <ol type="1" start="3" reversed>
      <li> 3 </li>
      <li> 2 </li>
      <li> 1 </li>
    </ol>
    <h2> Unordered list </h2>
    <ul type="circle">
      <li> First </li>
      <li> Second </li>
      <li> Third </li>
    </ul>
  </body>
</html>
```



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

Order list
3
2
1
Unorder list
First
Second
Thired

**Conclusion:** In this experiment the use of ordered and unordered list in html the `<li>` tag is used for list items. bullet styling for unordered list.

**Post Practical Question:**

1. Which tag is used to create an unordered list in HTML?

- a) `<ol>`
- b) `<ul>`
- c) `<li>`
- d) `<list>`

**Answer:**

b) `<ul>`

2. What is the purpose of the `<li>` tag in both ordered and unordered lists?

- a) To define the list itself
- b) To represent each item within a list
- c) To create a heading for the list
- d) To style the list items

**Answer:**

b) To represent each item within a list

3. Which attribute can be used to specify the type of bullet in an unordered list?





# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

- a) style
- b) type
- c) bullet
- d) list-style-type

Answer:

b) type

4. What tag is used to create an ordered list in HTML?

- a) <ul>
- b) <li>
- c) <ol>
- d) <list>

Answer:


c) <ol>

5. Which attribute can you use to change the numbering style of an ordered list?

- a) style
- b) type
- c) numbering
- d) format

Answer:

b) type

Signature with Date of Completion	
Marks out of 10	08



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

## EXPERIMENT NO: 7

Aim: Create webpage which shows the use of hyperlink.

### Description:

In this practical, hyperlinks were created using the <a> tag. The href attribute was used to link to external and internal web pages, while the target attribute was used to control how the linked page opens (e.g., in a new tab). This exercise is key in learning how to navigate between web pages.

### Procedure:

<!doctype, html>

<html>

<head>

<title> Links </title>

</head>

<body>

<h2> ~~using Hyperlink~~ </h2>

<p> visit an external website </p>

<a href="https://www.google.com" target="blank">

google </a>

<a href="#section 2"> go to section 2 </a>

<a href="#section 2"> go to section 2 </a>

<h2> id="section 2"> section 2 </h2>

<p> ~~this is~~ section 2 </p>

<h2> id="section 2"> section 2 </h2>

<p> This is section 2 </p>

</body>

</html>

Post Practical Question:



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

1. What are the security implications of using hyperlinks that open in a new tab (i.e., using `target="blank"`)?

Ans: Using `target="blank"` without `rel="noopener noreferrer"` can expose the original page to tab-sniffing attacks allowing the new page to manipulate as redirect it.

2. How would you create an anchor link that scrolls to a specific section of the same webpage?

Ans:

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title> Anchor link </title>
```

```
</head>
```

```
<body>
```


```
<a href="#section2"> go to section 2 </a>
```

```
<h2 id="section2"> section </h2>
```

```
<p> This is section 2 </p>
```

```
</body>
```

```
</html>
```

Signature with Date of Completion	
Marks out of 10	06

Output :

links

Using Hyperlink

visit ~~external~~ website.google

section 2

This is section 2

section 2

This is section 2





# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

## EXPERIMENT NO: 8

Aim: Show the use of all tags related to images.

Description:

This practical demonstrates the use of the `<img>` tag to display images on a webpage. Attributes like `src` (source), `alt` (alternative text), `height`, and `width` are explored to control the display of images. It also covers image alignment and linking an image to another page using the `<a>` tag.

Procedure:

```
<!doctype.html>
<html>
  <head>
    <title> image </title>
  </head>
  <body>
    <h2> image </h2>
    
    <h2> image as a link </h2>
    <a href="https://www.google.com">
     </a>
  </body>
</html>
```

Conclusion:

Output :

```
image
image (h2)
img
image as a link
link
```





# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

**Post Practical Question:**

1. Which tag is used to embed an image in an HTML document?

- a) <img>
- b) <picture>
- c) <image>
- d) <src>

Answer:

A) <img>

2. What attribute is essential for the <img> tag to specify the image source?

- a) source
- b) src
- c) href
- d) file

Answer:

b) src

3. What attribute is used in the <img> tag to provide alternative text for an image?

- a) alt
- b) title
- c) description
- d) text

Answer:


A) alt

4. How do you specify a caption for an image using HTML?

- a) Using the <figcaption> tag inside the <figure> tag
- b) Using the <caption> tag
- c) Using the alt attribute
- d) Using the <label> tag

Answer:

A) Using the <figcaption> tag inside the <figure> tag

Signature with Date of Completion	
Marks out of 10	08



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

## EXPERIMENT NO: 9

Aim: Create a webpage and use the following TAG to perform operation.

1. Create a simple table with at least three rows and three columns.
2. Use the <table>, <tr>, <th>, and <td> tags.
3. Add a caption to the table created above using the <caption> tag.
4. Add a border to your table using the border attribute in the <table> tag.
5. Align the content of your table cells using the align and valign attributes.
6. Change the background color of your table and its cells using the bgcolor attribute.
7. Use the cellpadding and cellspacing attributes to adjust the spacing inside and between the table cells.
8. Create a nested table by inserting one table inside another table's cell.

### Description:

This practical focuses on creating a table with at least three rows and three columns using the <table>, <tr>, <th>, and <td> tags. Features such as captions, borders, alignment, background colors, cellpadding, and cellspacing were demonstrated. Additionally, a nested table was created by placing one table inside a table cell.

### Procedure:

```
<!doctype, html>
<html>
  <head>
    <title> table </title>
  </head>
  <body>
    <table border="1" cellpadding="10" cellspacing="5" bgcolor="Red" align="center">
      <caption> <b> student Data </b> </caption>
      <tr> bgcolor="blue">
        <th> align="center"> Name </th>
        <th> align="center"> ID </th>
        <th> align="center"> Age </th>
      </tr>
      <tr> bgcolor="blue">
        <td align="center"> Alice </td>
        <td align="center"> 1 </td>
        <td align="center"> 21 </td>
      </tr>
    </table>
```



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

```

<table border="1" cellpadding="5" cellspacing="2" bgcolor="skyblue">
  <tr bgcolor="yellow">
    <th align="center">Sub</th>
    <th align="center">Grade</th>
  </tr>
  <tr>
    <td align="center">Maths</td>
    <td align="center">A+</td>
  </tr>
</table>

```

In this experiment we learned to create and format tables using HTML. We successfully created tables with multiple rows and columns, added captions, applied borders, aligned content using alignment attributes, and customized the appearance with background colors.

## Post Practical Question:

1. What are the benefits of using CSS to style tables instead of inline HTML attributes?

Ans:

Using CSS to style tables allows for cleaner, more maintainable code and provides greater flexibility and control over appearance.

2. How would you handle large tables with many rows and columns to improve readability and usability?

Ans:

Use features like fixed headers, row highlighting, pagination, and horizontal scrolling.

Signature with Date of Completion	
Marks out of 10	06

Output:

Table Creating			
Table (Title)			
Student Name	Roll No	Sub	Gender
Alice	2	Maths	Male





# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

## EXPERIMENT NO: 10

Aim: Create a webpage and use the following TAG to perform operation.

1. Use the <frameset> tag to create a webpage with two frames.
2. Use the <frame> tag to define the content of each frame.
3. Specify different attributes like border, frameborder, framespacing, and marginwidth for the frames.
4. Set the width and height of the frames using the cols and rows attributes in the <frameset> tag.
5. Create a navigation menu in one frame and display the corresponding content in another frame using the target attribute in the <a> tag.

### Description:

This practical shows the use of the <frameset> and <frame> tags to create a webpage with two frames. The webpage includes a navigation menu in one frame and displays related content in another frame using the target attribute. Attributes like border, frameborder, framespacing, and marginwidth are also demonstrated to control the appearance and spacing of frames.

### Procedure:

```
<!doctype,html>
<html>
  <frameset rows="20%,80%"
    frameborder="1" framespacing="2"
    border="1">
    <frame src="menu.html">
    <frame src="content.html" name
      = "content">
  </frameset>
</html>
```

```
<!doctype,html>
<html>
  <body>
    <h1> navigation </h1>
    <ul>
      <li> <a href="page1.html"
        target="content"> </a>
      <li> <a href="page2.html"
        target="content"> </a>
      <li> <a href="page3.html"
        target="content"> </a>
    </ul>
  </body>
</html>
```





# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

output

- web page layout
- top frame (navigation menu)

### Conclusion:

In this experiment we successfully created a webpage using the `<frameset>` and `<frames>` tag to display two frames we used attributes like `borders`, `frameborder`, `frame spacing` and `margin width` to customise the frames.

### Post Practical Question:

1. What are the drawbacks of using frames in modern web development, and what alternatives exist?


Ans:

- |                                |                            |
|--------------------------------|----------------------------|
| • Drawbacks of frames          | * Alternatives             |
| • seo issues                   | • css layout               |
| • Accessibility problem        | • Java Script              |
| • Browser compatibility issues | • HTML's semantic elements |
| • security risks               |                            |

2. How can you handle issues related to frame security and browser compatibility?

Ans:

- frame security
  1. use HTA's encryption
  2. set content security policy
  3. use sandbox attribute.
- Browser compatibility
  1. cross browser testing
  2. Java Script Libraries.

Signature with Date of Completion	
Marks out of 10	06





# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

## Conclusion:

output

- header with title
- navigation menu
- main content with sections for rings etc.
- footer with copy right information

## Post Practical Question:

1. How would you enhance the user experience by integrating JavaScript or CSS animations in your jewelry shopping website?

Ans: Java script

- product image zoom
- 360° - view
- shopping cart


CSS Animation

- Hover effects
- product sliders

2. How can you make your shopping website responsive for mobile and tablet devices?

Ans:

- \* Html / css 3 media queries
- \* Bootstrap / foundation
- \* mobile - first design
- \* Responsive images/videos etc.

Signature with Date of Completion	
Marks out of 10	08









# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

Conclusion: <sup></html></sup> <sup></h1></sup> <sup></form></sup>

In this experiment we successfully designed an online exam registration form using various HTML form using such as `<input>`, `<select>` and `<text area>` this form structure was styled using CSS.

## Post Practical Question:

1. Which HTML tag is used to create a form in a webpage?

- a) `<input>`
- b) `<form>`
- c) `<register>`
- d) `<fieldset>`

Answer: b) `<form>`

2. What attribute is used to specify the method of form submission in HTML?

- a) action
- b) method
- c) submit
- d) enctype

Answer:

b) method

3. Which input type would you use for a text field where users can enter their names?

- a) `<input type="number">`
- b) `<input type="text">`
- c) `<input type="email">`
- d) `<input type="password">`

Answer:

b) `<input type="text">`



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

4. Which CSS property would you use to change the background color of the form?

- a) color
- b) background
- c) bgcolor
- d) background-color

Answer:

d) background-color

---

5. What is the purpose of the <label> tag in a form?

- a) To create a text input
- b) To provide a clickable area for form controls
- c) To define a form section
- d) To display error messages

Answer:

B) To provide a clickable area for form controls

6. Which CSS property is used to adjust the spacing between the form fields?

- a) margin
- b) padding
- c) border
- d) spacing

Answer:

A) margin

---

7. How can you make a field required in a form?

- a) By adding the required attribute to the input tag
- b) By using the mandatory attribute
- c) By adding required="true" in the form tag
- d) By setting the validate attribute to true


Answer:

A) By adding the required attribute to the input tag



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

Signature with Date of Completion	
Marks out of 10	08

Output :

From creating  
online exam registration  
online exam registration (hz)  
Full name (required)  
Email = required  
Phone = required  
password = required

Submit





# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

## EXPERIMENT NO: 13

Aim: Create a Web page to display your resume.

```
<!doctype.html>
<html>
  <head>
    <title> Resume </title>
  </head>
  <body>
    <header>
      <h2> your name </h1>
      <p> Email your: Rohit @ gmail.com </p>
      <p> location : city </p>
    </header>
    <section id = "summary">
      <p> summary about your self </p>
    </section>
    <section id = "experience">
      <h2> experience </h2>
      <div class = "Job">
        <h3> Job title Company name </h3>
        <p> month year present </p>
      </div>
      <li> achievement 1 </li>
      <li> achievement 2 </li>
      <li> achievement 3 </li>
    </section>
  </body>
</html>
```



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

## Description:

This practical involves creating a more detailed and formatted resume using HTML. Sections like personal details, education, work experience, and skills are presented using appropriate tags like <h1>, <p>, <ul>, and <table>. This showcases how HTML can be used to create professional online resumes.

## Procedure:

```
<section id="skills">  
  <h2> skills </h2>  
  <ul>  
    <li> skills 1 </li>  
    <li> skills 2 </li>  
    <li> skills 3 </li>  
    <li> skills 4 </li>  
  </ul>  
</section>  
<footer>  
  <p> © 2023 yourname </p>
```

```
</body> </footer>  
</html>
```

## Conclusion:

The provided html and css creates a simple structured webpage to display a resume featuring section for personal information, experience, education and skills.

## Post Practical Question:



# SILVER OAK UNIVERSITY

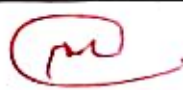
EDUCATION TO INNOVATION

1. What enhancements can you add to make the resume more interactive, such as using modal windows or downloadable sections?

Ans: To enhance the resume interactive you could add modal window to display detailed information about each job experience when clicked providing a more in depth over view without cluttering the main page implementing downloadable sections such as a polversion of the resume could allow user to easily save or print a copy.

2. How would you update your resume in the future while maintaining consistency and formatting across devices?

Ans: To update your resume in future and formatting ~~across~~ cross devices use responsive web design technologies to the layout for different ~~screen~~ sizes ensuring readability for ~~different~~ on desktops, tablets and smartphones. Implement a CSS framework like Bootstrap to maintain appearance and ease of update. Additionally utilize a version ~~and~~ Content system like Git to track changes and efficiently ensuring a consistent format ~~over~~ over time.

Signature with Date of Completion	
Marks out of 10	08





# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

## EXPERIMENT NO: 14

Aim: Show the use of all tags and attributes of ordered list and unordered list.

Description:

In this practical, ordered and unordered lists were created using `<ol>` and `<ul>` tags. Different attributes of lists were explored, such as the `type` attribute for ordered lists (e.g., numbers, letters) and various bullet styles for unordered lists. This practical highlights how to create and style lists on a webpage.

Procedure:

<code>&lt;h3&gt;</code> default numbered <code>&lt;/h3&gt;</code>	<code>&lt;h3&gt;</code>
<code>&lt;ol&gt;</code>	<code>&lt;ul&gt;</code> Bullet list <code>&lt;/h3&gt;</code>
<code>&lt;li&gt;</code> Item 1 <code>&lt;/li&gt;</code>	<code>&lt;li&gt;</code> Item 1 <code>&lt;/li&gt;</code>
<code>&lt;li&gt;</code> Item 2 <code>&lt;/li&gt;</code>	<code>&lt;li&gt;</code> Item 2 <code>&lt;/li&gt;</code>
<code>&lt;/ol&gt;</code>	<code>&lt;/ul&gt;</code>
<code>&lt;h3&gt;</code>	<code>&lt;h3&gt;</code> custom square <code>&lt;/h3&gt;</code>
<code>&lt;ol type="I"&gt;</code>	<code>&lt;li&gt;</code> Item 1 <code>&lt;/li&gt;</code>
<code>&lt;li&gt;</code> Item I <code>&lt;/li&gt;</code>	<code>&lt;li&gt;</code> Item 2 <code>&lt;/li&gt;</code>
<code>&lt;li&gt;</code> Item II <code>&lt;/li&gt;</code>	
<code>&lt;/ol&gt;</code>	

Conclusion:

In this experiment we demonstrated the creation and styling of ordered and unordered lists using HTML and CSS. We explored various list types (`<ol>`, `<ul>`) and applied custom styles to enhance their appearance. This knowledge helps in organizing and presenting content effectively on webpages, improving readability and visual appeal.



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

Post Practical Question:

1. Which tag is used to create an ordered list in HTML?

- a) <ul>
- b) <li>
- c) <ol>
- d) <list>

Answer:

c) <ol>

2. What attribute can you use to specify the starting number of an ordered list?

- a) start
- b) type
- c) value
- d) number

Answer:

a) start

3. Which of the following tags is used to define each item in a list?

- a) <item>
- b) <list-item>
- c) <li>
- d) <element>

Answer:

c) <li>

4. What is the default bullet style for an unordered list created with the <ul> tag?

- a) Square
- b) Circle
- c) Disc
- d) None

Answer:

c) Disc



# SILVER OAK UNIVERSITY

EDUCATION TO INNOVATION

5. Which attribute can be used with the `<ol>` tag to change the numbering style of the list?

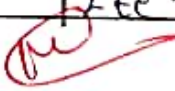
- a) start
- b) type
- c) style
- d) numbering

Answer:

b) type

output !

Default number  
Item 1  
Item 2  
Roman number  
Item I  
Item II  
Bullet list  
Item \*  
Item 2  
Custom square list  
Item 1  
Item 2

Signature with Date of Completion	
Marks out of 10	08